

TWIN RIG WITH THREE WARPS TOWED FROM CENTRE POINT

SHORTENING OF THE CENTRE WIRE (FEET) TO BRING THE CENTRE CLUMP IN LINE WITH THE DOORS.

Door Spread	Door to Clump	Warp Out in Fathoms									
		75	100	125	150	175	200	225	250	275	300
60	30	1.0	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3
80	40	1.8	1.3	1.1	0.9	0.8	0.7	0.6	0.5	0.5	0.4
100	50	2.8	2.1	1.7	1.4	1.2	1.0	0.9	0.8	0.8	0.7
120	60	4.0	3.0	2.4	2.0	1.7	1.5	1.3	1.2	1.1	1.0
140	70	5.5	4.1	3.3	2.7	2.3	2.0	1.8	1.6	1.5	1.4
160	80	7.2	5.4	4.3	3.6	3.1	2.7	2.4	2.1	1.9	1.8
180	90	9.1	6.8	5.4	4.5	3.9	3.4	3.0	2.7	2.5	2.3
200	100	11.3	8.4	6.7	5.6	4.8	4.2	3.7	3.3	3.0	2.8
220	110	13.7	10.2	8.1	6.7	5.8	5.1	4.5	4.0	3.7	3.4
240	120	16.3	12.1	9.7	8.0	6.9	6.0	5.3	4.8	4.4	4.0
260	130	19.2	14.3	11.4	9.4	8.1	7.1	6.3	5.6	5.1	4.7
280	140	22.3	16.6	13.2	11.0	9.4	8.2	7.3	6.5	6.0	5.5
300	150	25.7	19.1	15.2	12.6	10.8	9.4	8.4	7.5	6.8	6.3
320	160	29.4	21.7	17.3	14.3	12.3	10.7	9.5	8.6	7.8	7.1
340	170	33.3	24.6	19.5	16.2	13.9	12.1	10.7	9.7	8.8	8.0
360	180	37.6	27.6	21.9	18.2	15.5	13.6	12.1	10.8	9.8	9.0

The shortening of the centre wire is based on the assumption that the warps are straight lines. In practice the warps attached to the doors will have more curvature than the centre warp when the gear is square and so the shortening of the centre wire will be slightly greater than the lengths quoted above.